

Work Order ID 81172

81172

Page 1

March-12-12 8:37:33 AM

Item ID: D4034-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Aft Upper Rib Assembly

Start Date: 09/03/2012 Start Qty: 1.00

~~*1*~~

5x

Cust Item ID:

Required Date: 19/03/2012 Req'd Qty: 1.00

~~*1*~~

Customer:

Reference:

Approvals:

Process Plan: MLJ

Date: 12/03/12 Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4034	B								

100 Weld per dwg A/R S.S. rod Batch: 4115728 0.00

100

Large Fab

Memo

0.00

Large Fab

1- Assemble ribs to hoop and weld as per dwg DT9564

2- Weld bushing in rib and grind weld flush as per dwg

12.03.05 5x

110

QC9- Inspect visual per QSI004- Fusion Welds 0.00

110

QC

Memo

0.00

Quality Control

12.03.16

5x \emptyset

120

QC5- Inspect part completeness to step on W/O 0.00

120

QC

Memo

0.00

Quality Control

12.03.16

5x \emptyset

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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March-12-12 8:37:33 AM

Item ID: D4034-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Aft Upper Rib Assembly
 Start Date: 09/03/2012 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 19/03/2012 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: _____	0.00							
130	<i>Back cell</i>	0.00							
Packaging	Memo								
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140		0.00							
QC	Memo								
Quality Control									

12-03-16

12/3/16

12-03-14

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Picklist Print

March-12-12 8:37:37 AM

Page 1

Work Order ID: 81172

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Parent Item: D4034-041

D4034-041

Parent Item Name: Aft Upper Rib Assembly

Start Date: 09/03/2012

Required Date: 19/03/2012

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP RevA: new issue DD 09.11.23 verified by:EC
per dwg revA 10.03.15 verified by:EC
DWG REV.B DD VERF:EC
IPP Rev:B as
IPP Rev:C 11.01.19 AS PER

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4034-1		Manufactured	No			100	Each	8.0000	1	1			
✓ *D4034-1*									**			12.03.15	
Rib													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA006		8							
				78262		8				5x			
D4034-3		Manufactured	No			100	Each	6.0000	1	1			
✓ *D4034-3*									**			12.03.15	
Rib													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA006		6				5x			
				79420		6							
D4021-7		Manufactured	No			100	Each	10.0000	1	1			
✓ *D4021-7*									**			12.03.15	
Hoop													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA005		10				5x			
				79877		10							

W/O:		WORK ORDER CHANGES					
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Picklist Print

March-12-12 8:37:37 AM

Page 2

Work Order ID: 81172

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Parent Item: D4034-041

D4034-041

Parent Item Name: Aft Upper Rib Assembly

Start Date: 09/03/2012

Required Date: 19/03/2012

Start Qty: 1.00

Required Qty: 1.00

✓ D4021-9

Manufactured No

100

Each

50.0000

4

4

D4021-9

Bushing

**

By 10.03.15

Location

Loc Qty

Loc Code

WA005

50

66437

2

70333

4

72482

4

74966

40

20x

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

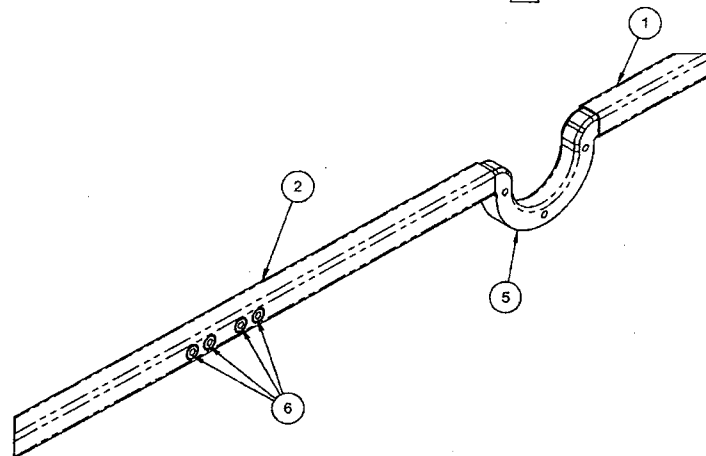
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

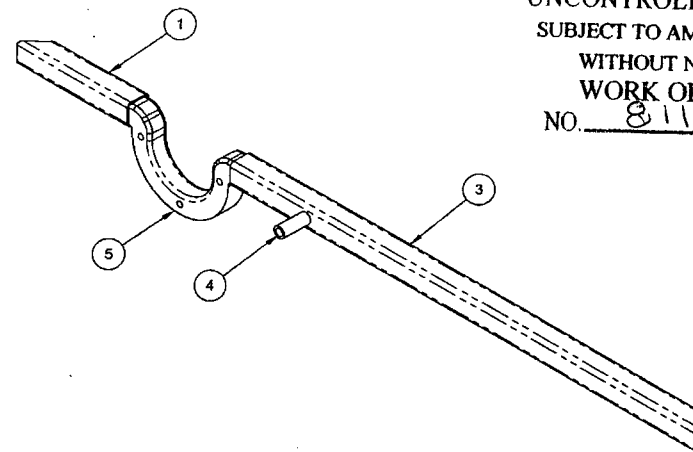
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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ITEM	QTY -041	QTY -043	P/N	DESCRIPTION
	X		D4034-041	AFT UPPER RIB ASSY
		X	D4034-043	FWD UPPER RIB ASSY
1	1	1	D4034-1	RIB
2	1		D4034-3	RIB
3		1	D4034-5	RIB
4		1	D2327-3	SPACER BUSHING
5	1	1	D4021-7	HOOP
6	4		D4021-9	BUSHING



D4034-041 AFT UPPER RIB ASSY



D4034-043 FWD UPPER RIB ASSY

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 81172 MLS
12/03/12

RELEASED
R 2011-01-18
M

B	ADDITIONAL HOLES ADDED ON D4034-3 RIB	SC	10.12.20
A	NEW ISSUE	AJS	10.03.04
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SC		
CHECKED	R	DRAWING NO.	REV. B
MFG. APPR.		D4034	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		UPPER RIB ASSY, BASKET BASE	NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

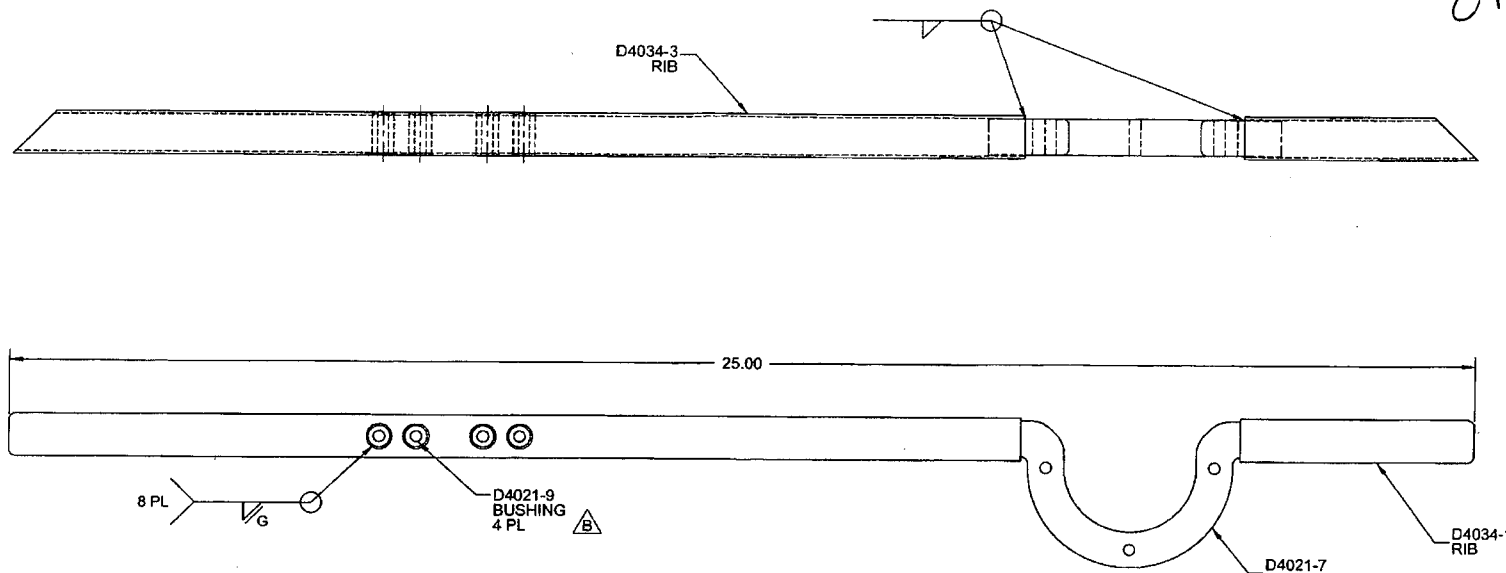
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

81172



D4034-041 AFT UPPER RIB ASSY B

RELEASED
2011-01-30
ND

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 1.61 lbs
 - 8) WELD PER DART QSI 004

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SC		
CHECKED	B	DRAWING NO.	REV. B
MFG. APPR.	AS	D4034	SHEET 2 OF 4
APPROVED	AD	TITLE	SCALE
DE APPR.	#	UPPER RIB ASSY, BASKET BASE	NTS
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W/O:		WORK ORDER CHANGES					
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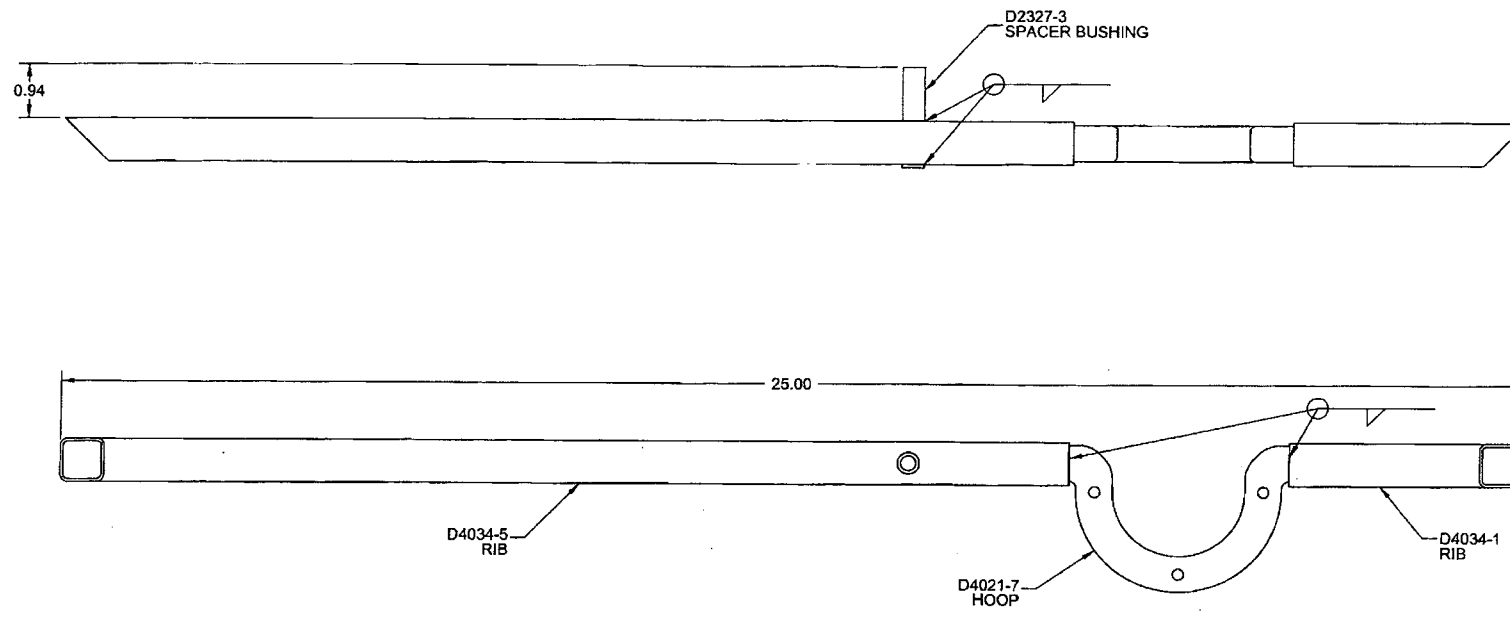
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

81172



D4034-043 FWD UPPER RIB ASSY

RELEASED
2011-01-18
JWP

- NOTES:**
 1) MATERIAL: N/A
 2) FINISH: NONE
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: N/A
 7) WEIGHT: 1.58 lbs
 8) WELD PER DART QSI 004

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	SC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	1	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	D4034	SHEET 3 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.		UPPER RIB ASSY, BASKET BASE	NTS
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W/O:		WORK ORDER CHANGES					
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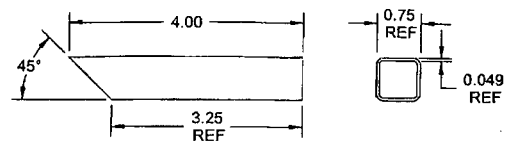
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

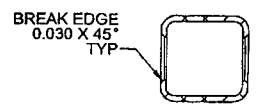
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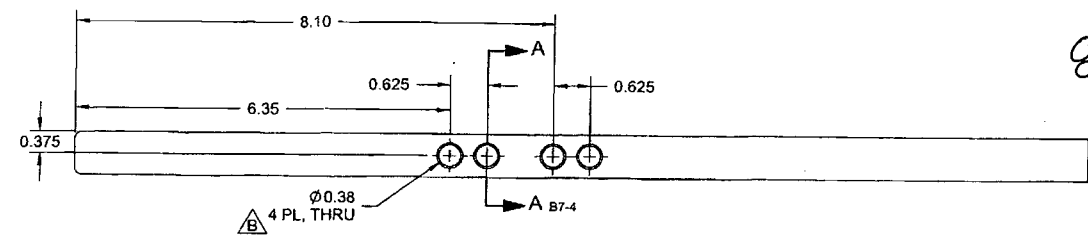
81172



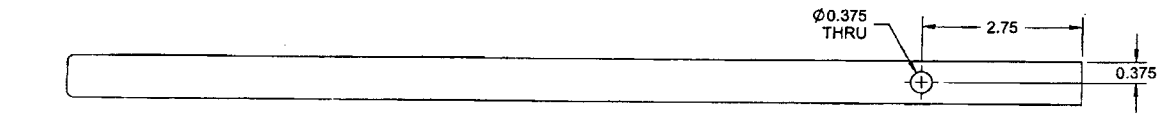
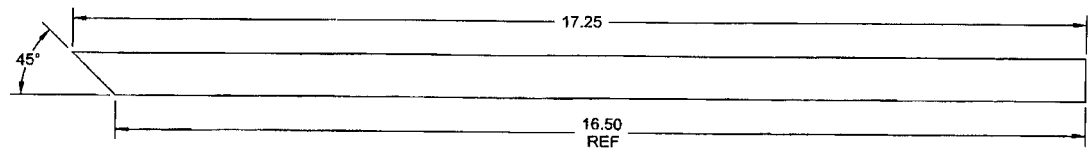
D4034-1 RIB



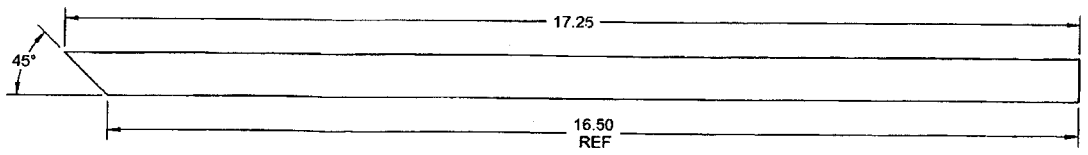
SECTION A-A D4-4



D4034-3 RIB



D4034-5 RIB



RELEASED
2011-01-10

- NOTES:**
 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.049 WALL
 REF DART SPEC. M304TS0.750W.049
 2) FINISH: NONE
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: N/A
 7) WEIGHT -1: 0.13 lbs
 -3 & -5: 0.62 lbs

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SC		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4034	SHEET 4 OF 4
APPROVED		TITLE	SCALE
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